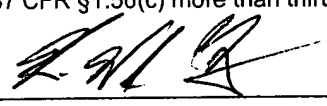
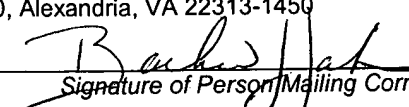
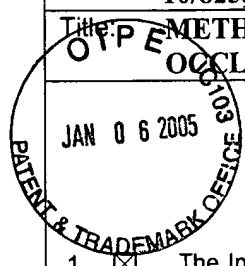
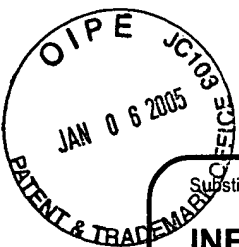


EFW

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Under 37 CFR 1.97(b), (c), or (d)			Docket No. SAR/14920
In re Application of: Hsu, et al.			
Serial No. 10/825,946	Filing Date 04/16/2004	Examiner	Group Art Unit 3662
Title: METHOD AND APPARATUS FOR AUTOMATIC REGISTRATION AND VISUALIZATION OF OCCLUDED TARGETS USING LADAR DATA			
Address to: Commissioner for Patents Alexandria, VA 22313-1450			
37 CFR 1.97(b)			
1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.			
37 CFR 1.97(c)			
2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), but prior to the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by the statement or fee as indicated below.			
37 CFR 1.97(d)			
3. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), but on or before payment of the issue fee and is accompanied by the statement and fee as indicated below.			
Required Statements and/or Fees Under 37 CFR 1.97(c) or (d)			
<input type="checkbox"/> Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(1))			
<input type="checkbox"/> No item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(2))			
<input type="checkbox"/> The fee set forth in 37 CFR 1.17(p). Please credit any overpayment or charge any insufficiencies to deposit account number 20-0782.			
37 CFR §1.704(d)			
4. <input type="checkbox"/> Each item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.			
 Kin-Wah Tong, Esq. Reg. No. 39,400 Moser, Patterson & Sheridan, LLP Attorneys at Law 595 Shrewsbury Avenue, Suite 100 Shrewsbury, New Jersey 07702 732-530-9404		Dated: <u>1/3/05</u>	
		Certificate of Mailing by First Class Mail	
		I certify that this document is being deposited on <u>1-4-2005</u> with the U.S. Postal Service as first class mail under 37 CFR §1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
		 Signature of Person Mailing Correspondence Barbara J. Jackson Typed or Printed Name of Person Mailing Correspondence	





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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/825,946
Filing Date	04/16/2004
First Named Inventor	Hsu, et al.
Art Unit	3662
Examiner Name	
Attorney Docket Number	SAR 14920

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Arya, et al., "Approximate nearest neighbor queries in fixed dimension", Proc. ACM-SIAM Sympo Discrete Algorithms, 271-280, 1993	
	C2	Albota, et al., "Three-dimensional imaging laser radar with a photon-counting avalanche photodiode array and microchip laser," Applied Optics, 41(36), 20 December 2002, 7671-7678	
	C3	Bergevin, et al., "Towards a General Multi-View Registration Technique," IEEE Transactions on Pattern Analysis and Machine Intelligence, 18(5), 5 May 1996, 540-547	
	C4	Besl, et al., "A Method for Registration of 3-D Shapes," IEEE Transactions on Pattern Analysis and machine Intelligence, 14(2), 2 February 1992, 239-256	
	C5	Hoppe, et al., "Surface Reconstruction from Unorganized Points, " Compute Graphics, 26, 2 July 1992, 71-78	
	C6	Hsu, et al., "Automatic registration and visualization of occluded targets using ladar data," Proc. SPIE Laser Radar Technology and Applications VIII, 5086, April 2003, 1-12	
	C7	Pulli, K., "Multiview Registration for Large Data Sets," http://graphics.stanford.edu/papers/pulli-3dim99/3dim99.pdf	
	C8	Rusinkiewicz, et al., "Efficient Variants of the ICP Algorithm," http://www.cs.princeton.edu/~smr/papers/fasticp/fasticp_paper.pdf	
	C9	Sawhney, et al., "Robust Video Mosaicing through Topology Inference and Local to Global Alignment," Lecture Notes in Computer Science", 1407, 103,1998	
	C10	Schilling, et al., "Multiple-return laser radar for three-dimensional imaging through obscurations," Applied Optics, 41(15), 20 May 2002, 2791-2799	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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